

Best Practices for mySAP.com

FUNCTIONAL SPECIFICATION INTERFACES			
Section I: Justification			
Area (SAP System components):	FI-FM	Date:	04/27/2006
Requested by:	SCEIS	Tel no:	
Title:	Interface requirement for Budget / Budget Transfer		
Short description:	The specification describes the requirement for budget / budget transfers made in non-live agencies and how it will be handled in SAP and STARS		
Program type:	<input checked="" type="checkbox"/> Batch interfaces <input type="checkbox"/> Online interfaces		
Priority:	<input checked="" type="checkbox"/> High/mandatory <input type="checkbox"/> Medium/recommended <input type="checkbox"/> Low/optional		
<u>Interface specification:</u>			
Type of interface:	<input type="checkbox"/> BAPI <input type="checkbox"/> IDOC <input type="checkbox"/> ALE <input type="checkbox"/> Others		
Created with:	<input type="checkbox"/> SAP Standard interface <input checked="" type="checkbox"/> Add-on interface		
Interface direction:	<input type="checkbox"/> Inbound <input checked="" type="checkbox"/> Outbound <input type="checkbox"/> Both		
Frequency:	<input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly <input type="checkbox"/> Biweekly <input type="checkbox"/> Others:		
<u>General information:</u>			
Results if no interface is are created:	<input type="checkbox"/> Legal requirements not fulfilled <input checked="" type="checkbox"/> Lack of essential business information <input type="checkbox"/> Lack of functions compared to legacy system <input type="checkbox"/> Others: Increased manual entry		
Approx. duration of development work:	8 Days		
Is there an alternative in the standard system?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Description of alternative:			
Reasons why alternative is not acceptable:	<input type="checkbox"/> Performance problems <input type="checkbox"/> Complexity <input type="checkbox"/> Others:		
Project cost:		Charge cost to:	
Cost approved by:			
Date of project management approval:		Date of steering committee approval:	

Section II: Detailed Functional Description

Background:

The State of South Carolina expectations for the non-live agency process:

- Minimize impact to non-live SAP agencies
 - Allows non-live agencies to continue to access STARS inquiry systems, functionality and reports
 - Allows non-live agencies to continue to provide files in current format and data to STARS
- Minimize impact on SCEIS resources needed to support non-live agencies
- Minimize development cost of maintaining legacy STARS systems

One of the interface aspects to be considered is budget / budget transfers. This specification details the trigger from an external process, approval of the budget /budget transfers, entry in SAP, transfers, pre-posting, translation into SAP dimensions and reverting back to STARS with confirmation or error.

Requirement:

Pre-requisite

1. For a non-live agency, parallel masters would exist for Fund, Grant, Funded Program etc. Some masters would be maintained at a higher level than it now exists in STARS.
2. It is the desire of SCEIS to have the translation between STARS and SAP fields in the SAP system. Therefore, there must be a custom table mapping of STARS master data and certain parameters to translate into SAP and vice-versa.
3. If for any reason the mapping fails there should be a mechanism to revert back to STARS through an error file.

Interface Aspects:

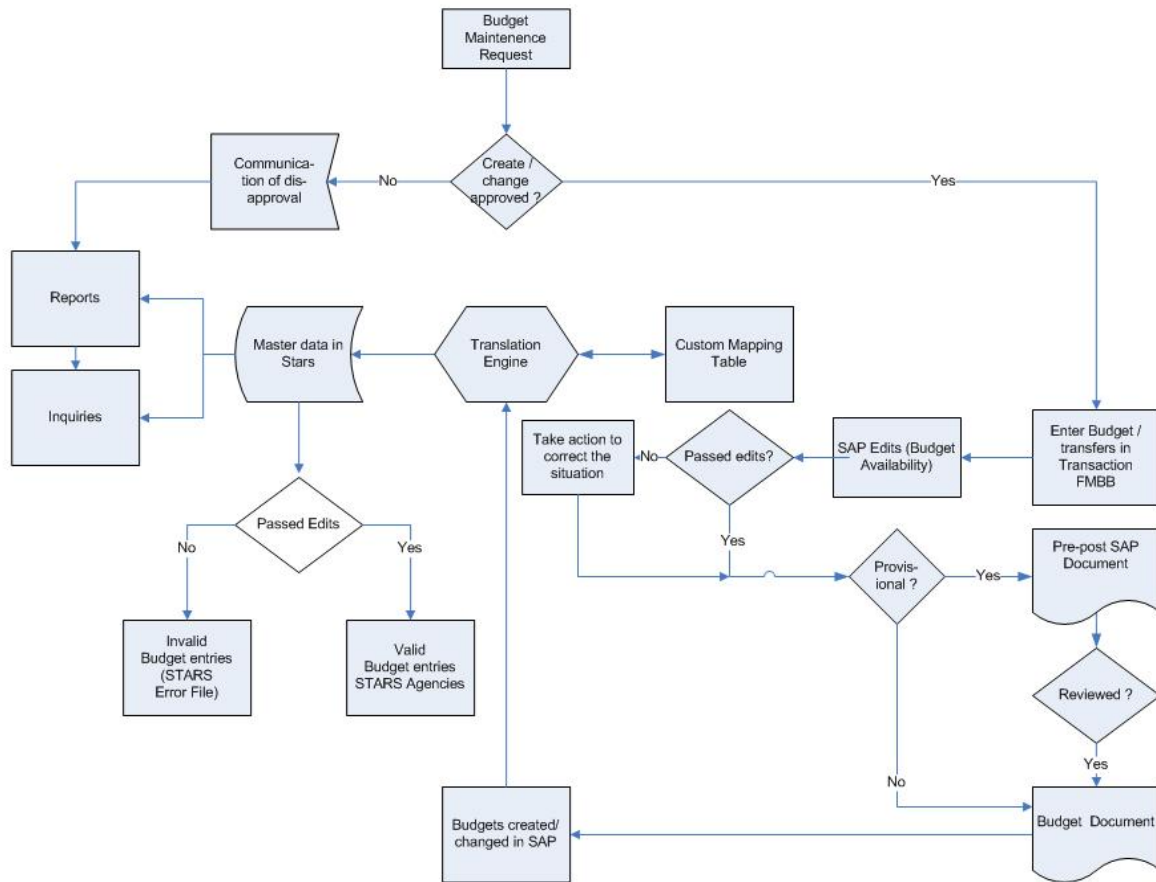
- The trigger to the interface is the non-live agency requesting a budget transfer to the Budget Control Board.
- The non-live agency initiates the budget / budget transfer request.
- The State Budget Office reviews the request and either accepts or rejects
- The mechanism to report back the non-approved requests should already be in place. This is outside of SAP.

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- Such approved requests relating to budget and budget transfers should be updated in budgeting workbench relevant to online processing through transaction FMBB.
 - Initially it may be processed in pre-posted status.
 - Such pre-posted status may be subject to review.
 - Upon review, if need be, the pre-posted document could be undone. This will create a pre-posted reversal document.
- Whether pre-posted or otherwise, the budget document should be finally posted under posted Status.
- The document may fail to post either in pre-post status or during posting either due to availability checks (AVC) or due to incorrect parameters such as wrong budget type or incorrect derivation, etc.. In all cases, the message should be captured and sent back to STARS error file.

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A) Inbound Interfaces (Non-SAP System → SAP System)					
Relevant tables:	Not applicable				
Description of inbound interface:					
Input file 01:					
File name.	(path)				
Layout					
<i>Position</i>	<i>Field name</i>	<i>Type</i>	<i>Length</i>	<i>Decimals</i>	<i>Description</i>
1.	Field 1	C	10	02	
2.	Field 2	N	8		
3.	Field 3	X	15	03	
4.	Field 4	X	99		
5.	Field 5	X	99		
6.	Field 6	X	99		



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B) Outbound interfaces (SAP System → Non-SAP System)					
Relevant tables:	FMBDT, FMBDA, FMBTO, FMBH, FMBL Data Mapping (custom table)				
Description of outbound interfaces:	<p>Records will be accumulated from the various STARS interface processing. The files below will then be mapped to STARS legacy master data and process/resolve in STARS.</p> <p>Functional Spec STARS Part XII STARS History File (successful records)</p> <p>Functional Spec STARS Part XIII STARS Error File (records unable to park/post in SAP)</p>				
Output file 01:					
File name:	(path)				
Layout					
<i>Position</i>	<i>Fieldname</i>	<i>Type</i>	<i>Length</i>	<i>Decimals</i>	<i>Description</i>
1.	Field 1	C	10	02	
2.	Field 2	N	8		
3.	Field 3	X	15	03	
4.	Field 4	X	99		
5.	Field 5	X	99		
6.	Field 6	X	99		

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Section III: Functional test			
Program:	ZFO0001	Test date:	
Developer:		Tel no:	
<u>Team member responsible for testing:</u>			
1. Test file(s): (optional)			
2. Is the program in line with the functional specification? <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes", sign the form in the appropriate section below. If necessary, add some comments in the 'General comments' section. If "No", describe the errors in the program here.			
<u>Developer responsible:</u>			
3. Describe the solution(s) :			
4. New completion date:			
<u>Comments after second test</u> (if the program contained errors after first test):			
Date: / /			
<u>General comments:</u>			
<u>Names and signatures:</u>			

Application consultant			

Developer			